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July 29, 2004

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**IN RE APPLICATION OF**

Robert Hammer et al

**Group Art Unit: 2859**

**Serial No. 10/055,785**

**Examiner: Stanley J. Pruchnic, Jr.**

**Filed: 01/25/2002**

**For: Conducted Heat Vector Sensor**

The Honorable Commissioner of  
Patents and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

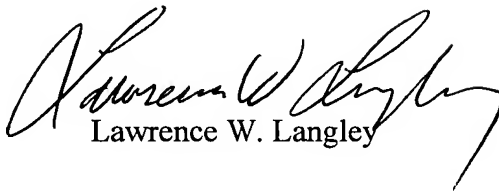
Enclosed is a Request for Continued Examination, together with a check in the amount of \$385.00, in compliance with 37 CFR 1.114.

Please address all correspondence regarding this matter to me at the above address.

08/03/2004 BSAYASI1 00000051 10055785

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385.00 DP

  
Lawrence W. Langley

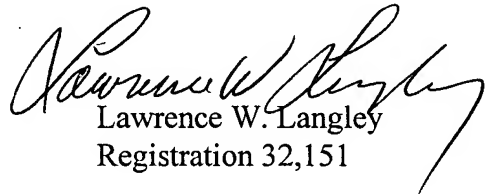


### **Request for Continued Examination**

In an action dated March 3, 2004, Examiner finally rejected all claims in the instant application. Applicant responded on June 25, 2004, proposing amendments to Claims 21, 28, 29, 37 and 38. Examiner replied in an Advisory Action dated July 15, 2004, declining to enter Applicant's proposed amendments on the basis that they would not put the application in condition for allowance. In a telephone call on July 27, 2004, Applicant requested clarification of the reasons for rejection. With the additional information supplied by Examiner, Applicant now proposes amendments to the claims as indicated in the attached Listing of all claims.

Applicant hereby requests continued examination of the instant application. A check for the fee of \$385.00 is enclosed, in accordance with the latest fee schedule.

Applicant's invention, comprising a thin film thermopile on a substrate whose thermal properties match those of the solid body in which it is imbedded, enables accurate measurement of the vector component of heat flux in line with the axis of the thermopile, with negligible distortion of the heat flow field in the solid body. This is a unique and new function, performed in a unique manner not anticipated by the references, singly or in combination. In response to Examiner's instructions, Applicant has amended the claims to more distinctly and particularly point out the features of the claimed invention. Applicant believes that his submittal is now in condition for allowance, and requests that it be passed to issue.

  
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